

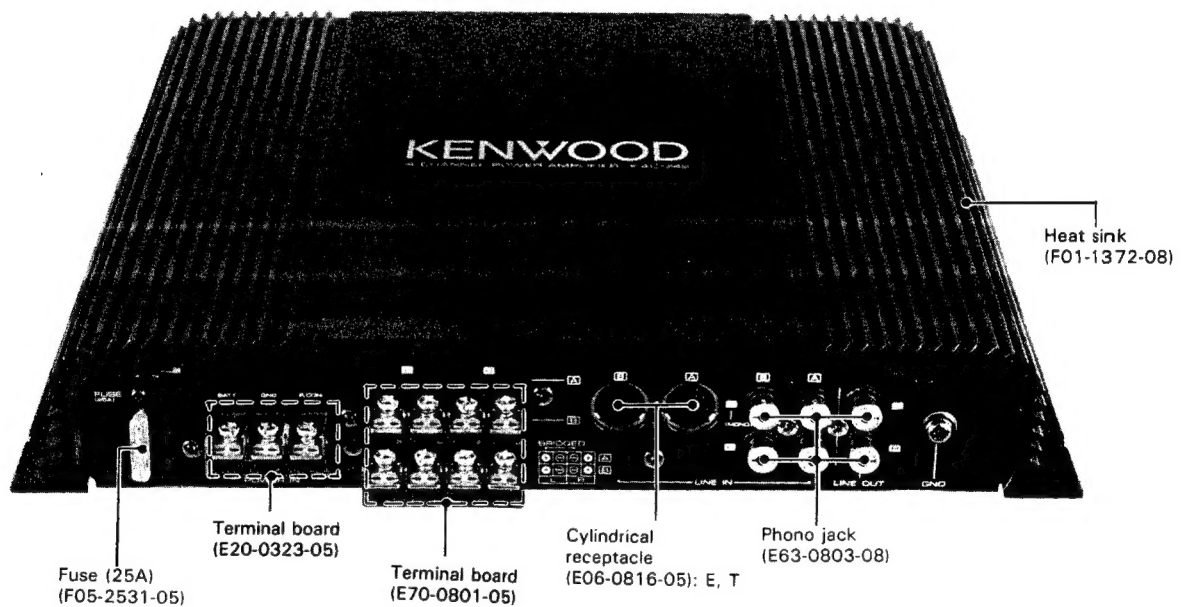
4-CHANNEL POWER AMPLIFIER

# KAC-742

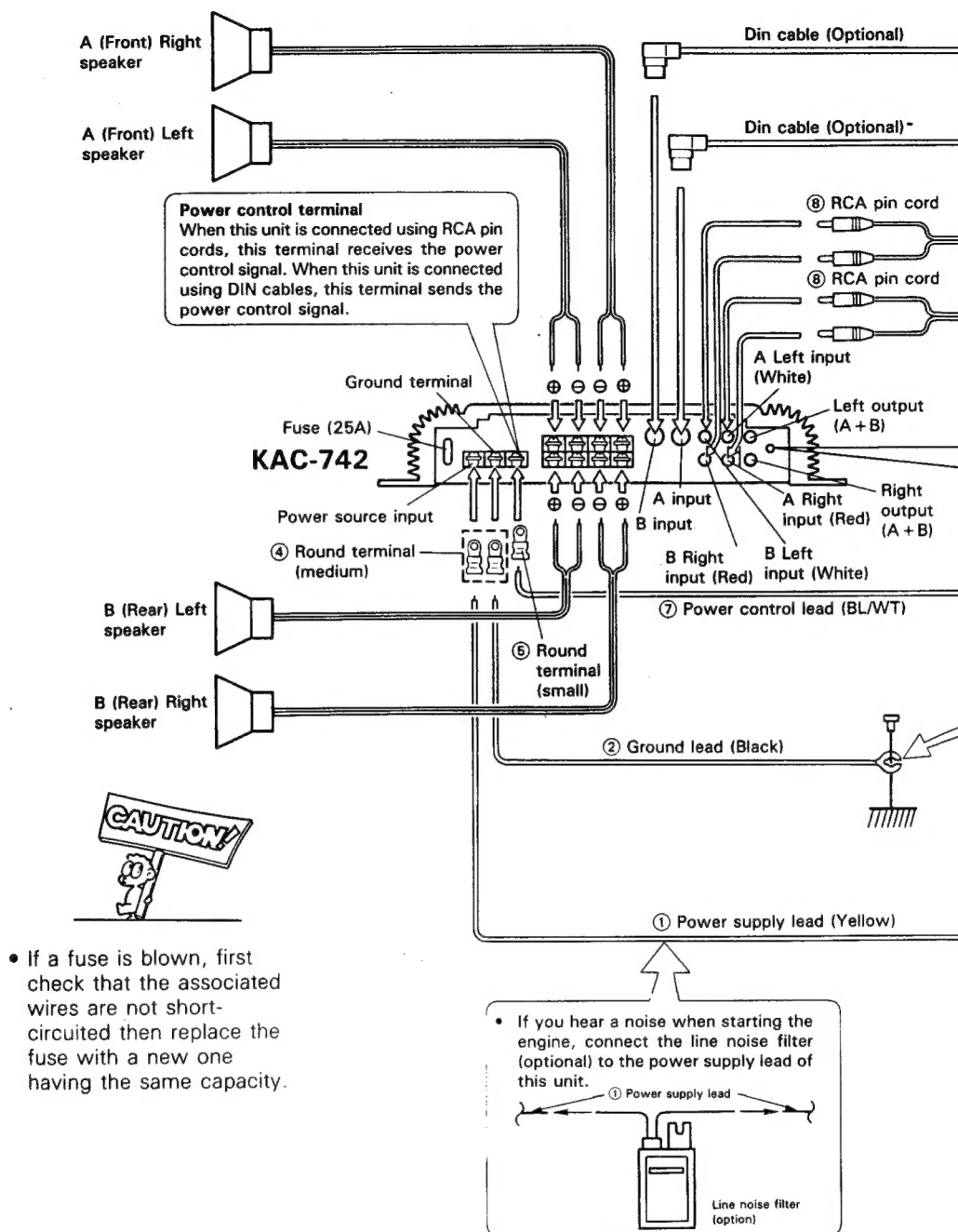
## SERVICE MANUAL

# KENWOOD

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B51-6281-00(T) 3326



# CONNECTIONS



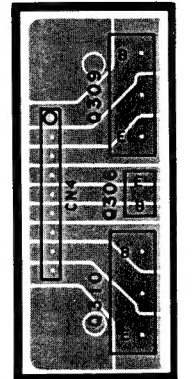
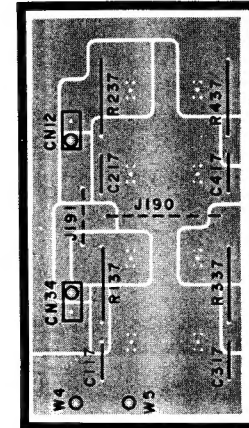
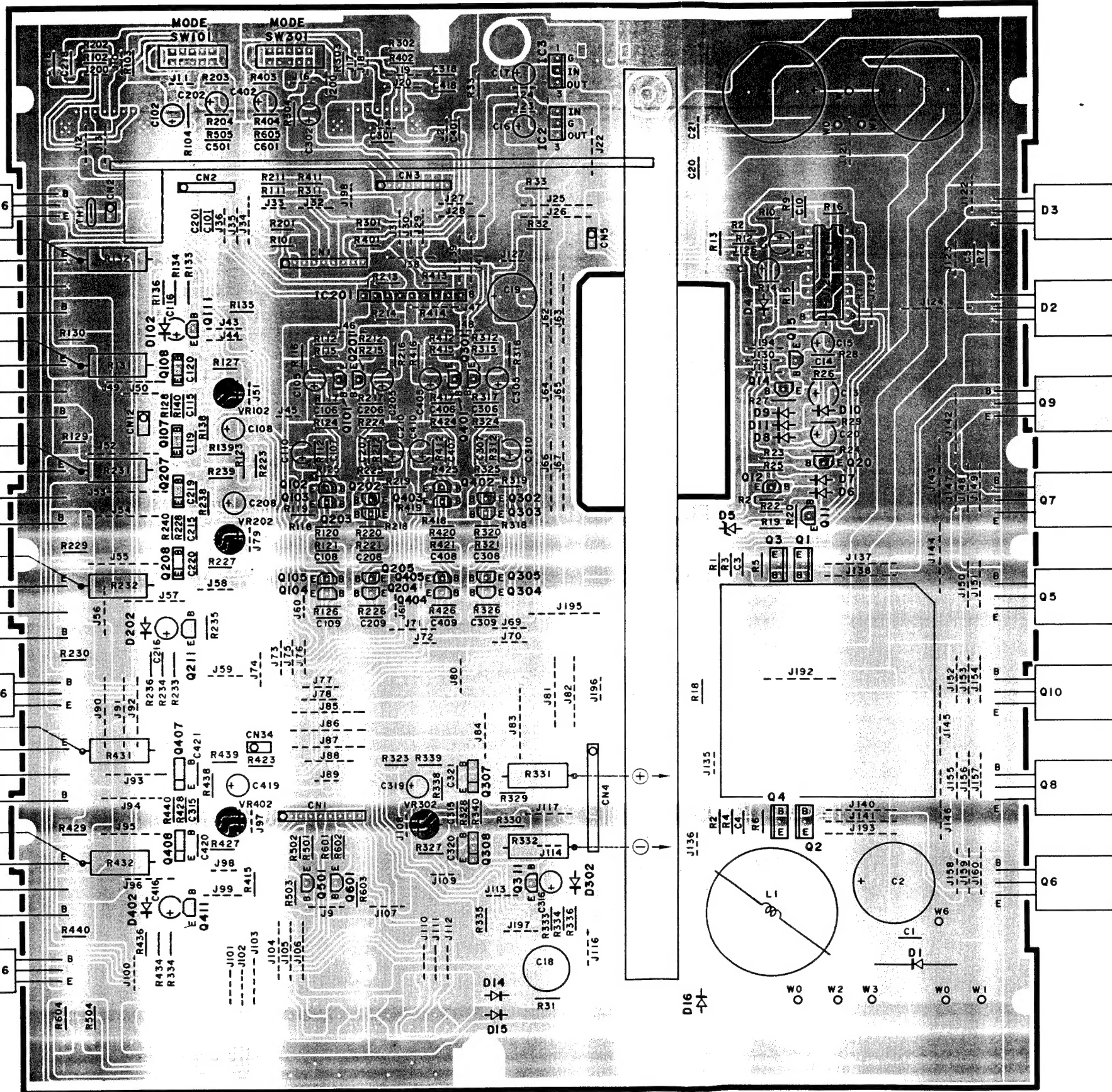
# ADJUSTMENT

| No.                      | ITEM         | INPUT SETTINGS | OUTPUT SETTINGS  | AMPLIFIER SETTINGS | ALIGNMENT POINTS                       | ALIGN FOR | FIG. |
|--------------------------|--------------|----------------|--|--------------------|--|-----------|------|
| Connect a cassette deck. |              |                |  |                    |  |           |      |
| 1                        | IDLE CURRENT | —              | Connect a DC voltmeter between<br>R131•R132 , R231•R232<br>R331•R332 , R431•R432 | VOLUME: 0          | VR102(L) VR202(R)<br>VR302(L) VR402(R) | 16mV      |      |

# PC BOARD (Component side view)

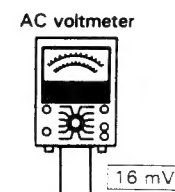
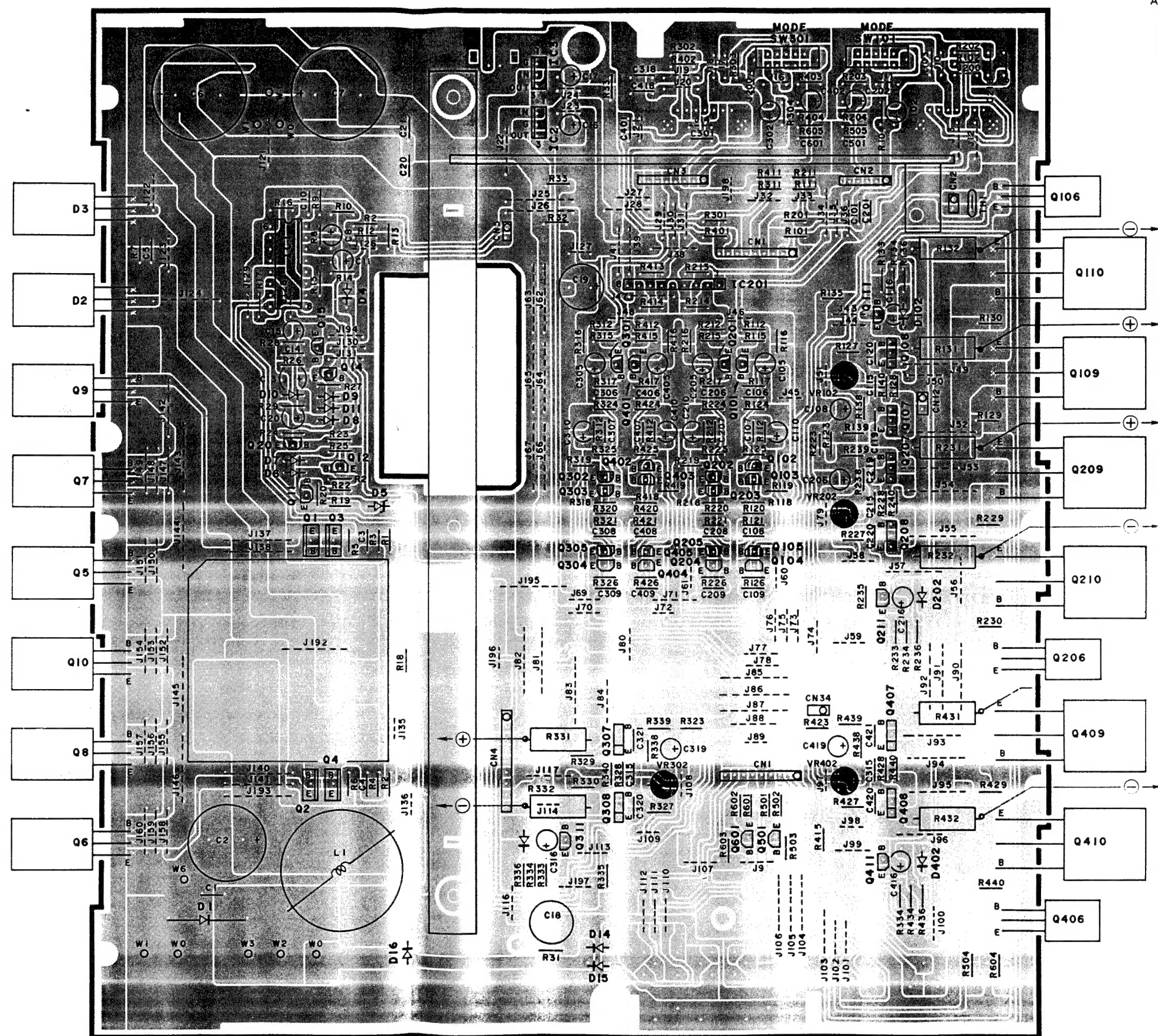
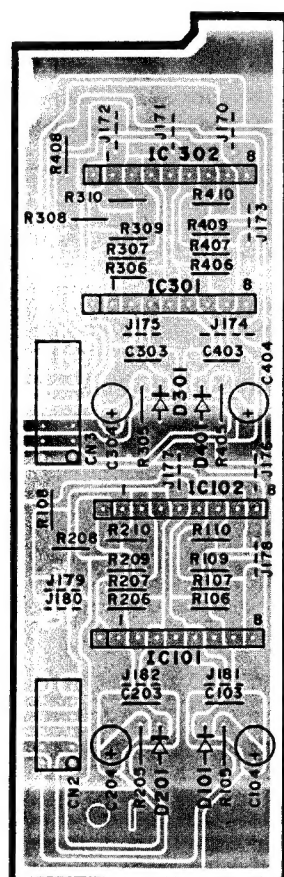
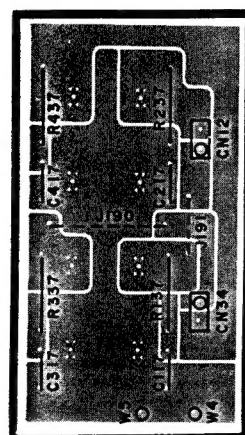
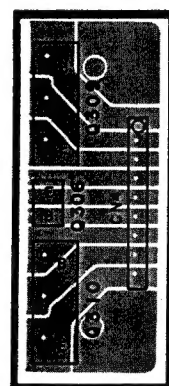
AC voltmeter

16 mV

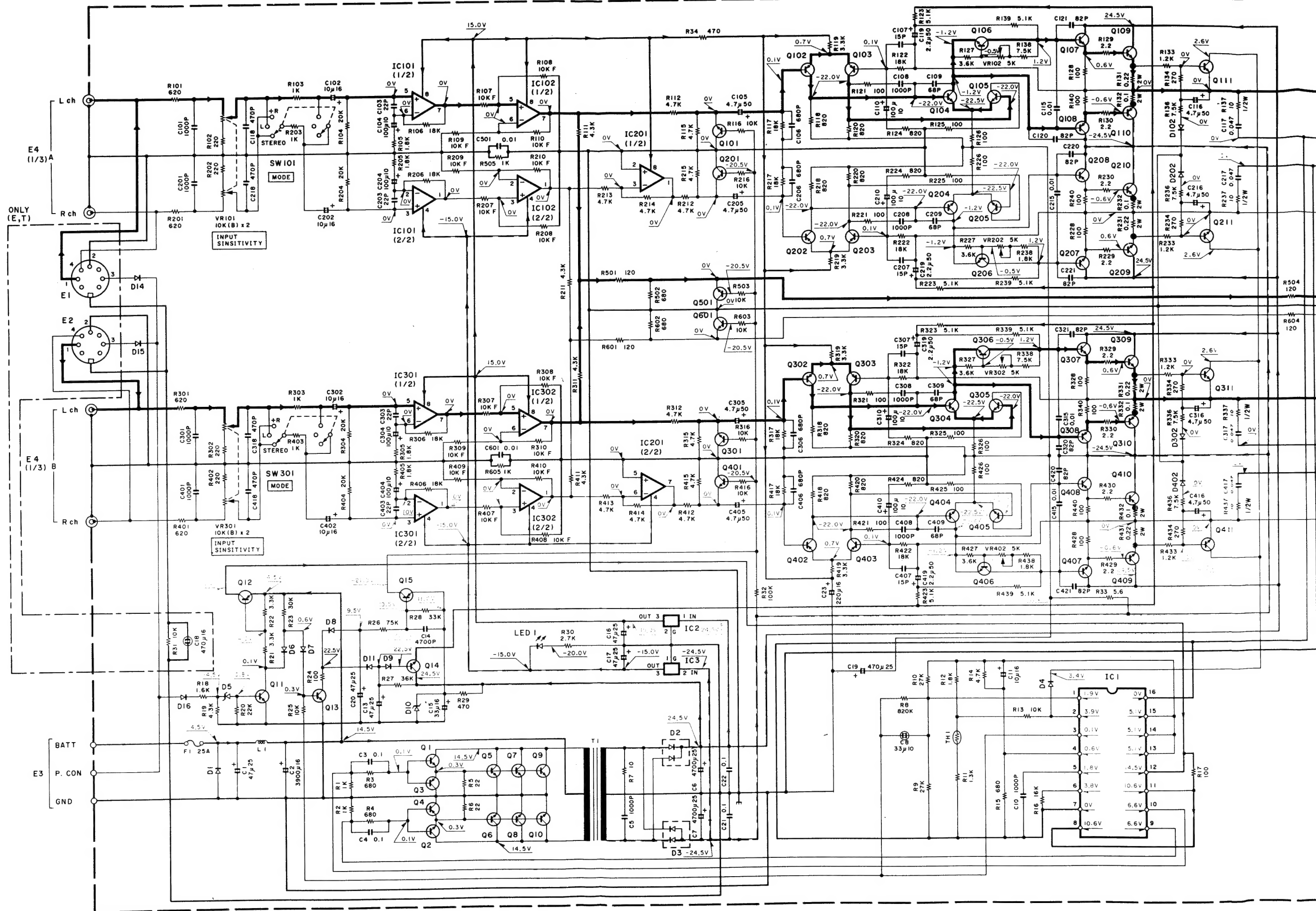




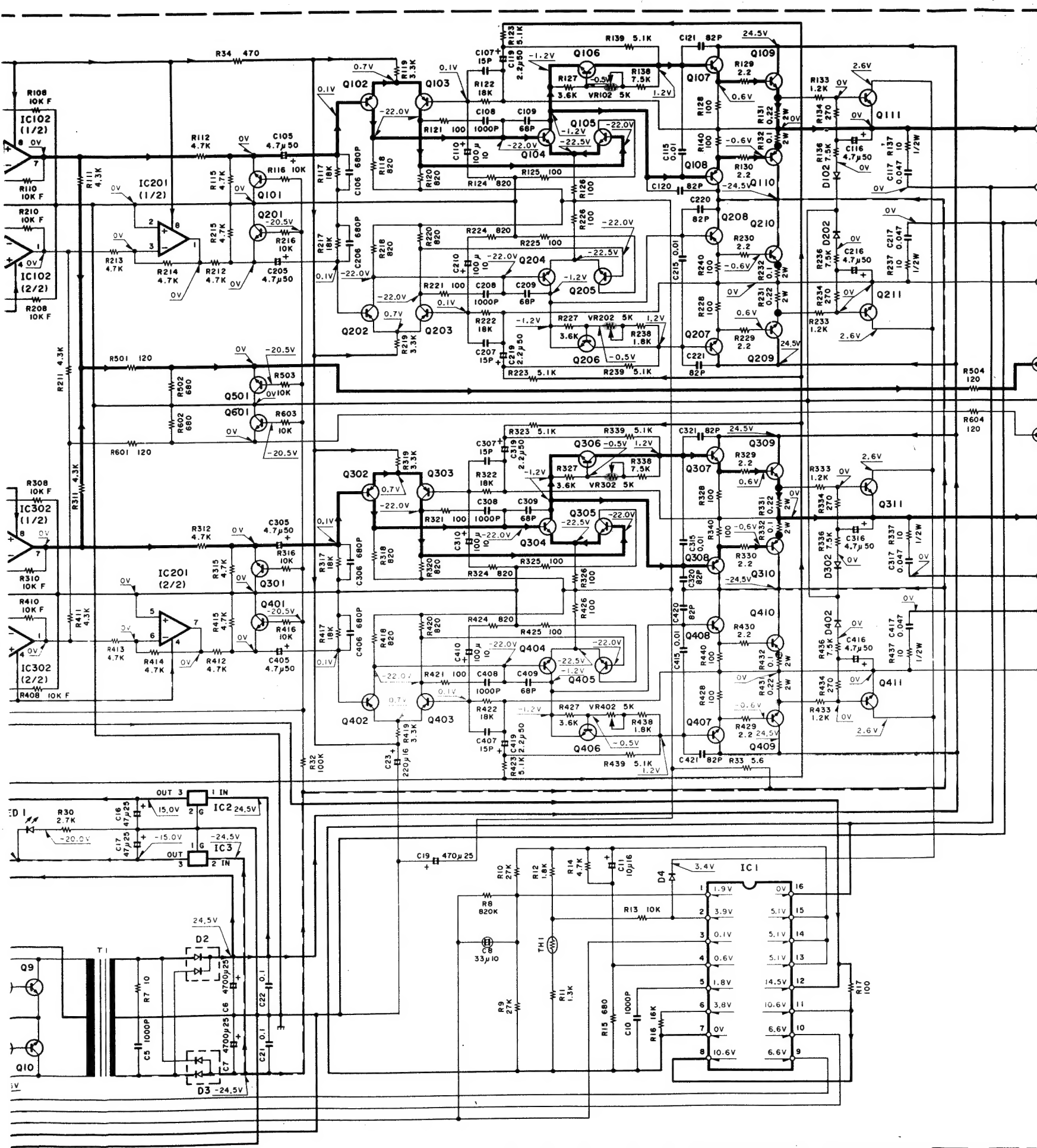
# PC BOARD (Foil side view)



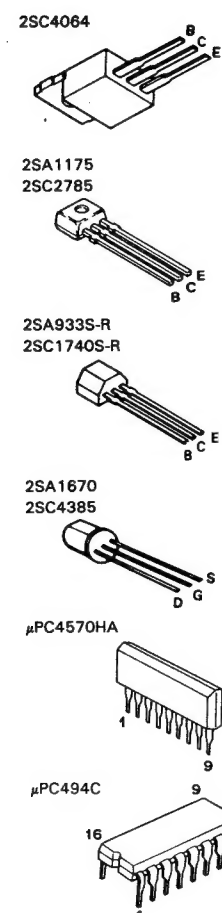
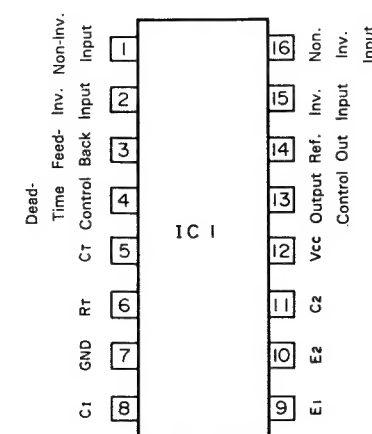
Refer to the schematic diagram for the values of resistors and capacitors.







KAC-742(K)



**CAUTION:** For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

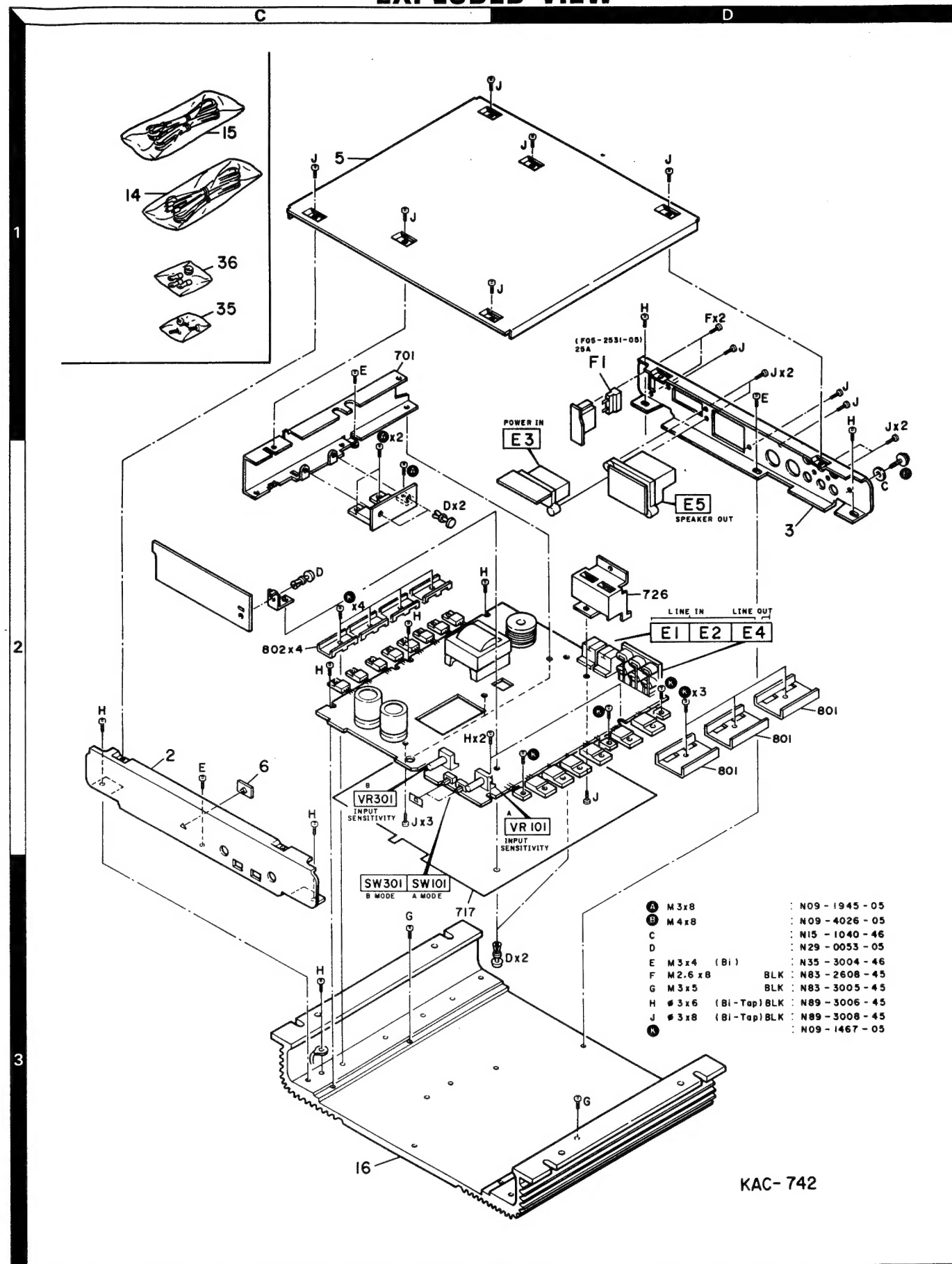
Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig.

Y08-4380-10

**KAC-742**  
**KENWOOD**

## EXPLODED VIEW



## PARTS LIST

\* New Parts

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Teile ohne Parts No. werden nicht geliefert.

| Ref. No.              | Address | New Parts | Parts No.    | Description                     | Desti-<br>nation    | Re-<br>marks |
|-----------------------|---------|-----------|--------------|---------------------------------|---------------------|--------------|
| 参照番号                  | 位置      | 新         | 部品番号         | 部品名 / 規格                        | 仕向                  | 備考           |
| KAC-742               |         |           |              |                                 |                     |              |
| 2                     | 2A      | *         | A20-7674-08  | PANEL ASSY                      | K<br>ET             |              |
| 3                     | 2B      | *         | A23-5038-08  | REAR PANEL                      |                     |              |
| 3                     | 2B      | *         | A23-5039-08  | REAR PANEL                      |                     |              |
| 5                     | 1A      | *         | A40-1231-08  | BOTTOM PLATE                    |                     |              |
| 6                     | 2A      | *         | B19-0874-08  | LIGHTING BOARD                  | K<br>ET<br>ET<br>ET |              |
| -                     |         |           | B44-6006-04  | BADGE                           |                     |              |
| -                     |         |           | B44-6007-04  | BADGE                           |                     |              |
| -                     |         |           | B46-0100-20  | WARRANTY CARD                   |                     |              |
| -                     |         | *         | B64-0083-00  | INSTRUCTION MANUAL              |                     |              |
| -                     |         | *         | B64-0084-00  | INSTRUCTION MANUAL              |                     |              |
| 14                    | 1A      | *         | E30-3676-08  | RCA CORD                        |                     |              |
| 15                    | 1A      | *         | E30-3677-08  | DC CORD                         |                     |              |
| 16                    | 3A      | *         | F01-1372-08  | HEAT SINK                       |                     |              |
| F1                    | 1B      |           | F05-2531-05  | FUSE (25A)                      |                     |              |
| -                     |         | *         | H01-9265-08  | ITEM CARTON BOX                 |                     |              |
| -                     |         | *         | H03-3306-08  | OUTER PACKING CASE              |                     |              |
| -                     |         | *         | H10-4375-08  | POLYSTYRENE FOAMED FIXTURE (L)  |                     |              |
| -                     |         | *         | H10-4376-08  | POLYSTYRENE FOAMED FIXTURE (R)  |                     |              |
| -                     |         |           | H25-0336-04  | PROTECT. BAG (inst. & warrant.) |                     |              |
| -                     |         | *         | H25-0341-04  | PROTECTION BAG (for unit)       |                     |              |
| 35                    | 1A      | *         | N99-1564-08  | SCREW SET                       |                     |              |
| A                     | 2A      | *         | N09-1945-05  | SCREW (M3X8)                    |                     |              |
| B                     | 2B      |           | N09-4026-05  | SCREW (4X8)                     |                     |              |
| C                     | 2B      |           | N15-1040-46  | FLAT WASHER                     |                     |              |
| D                     | 2A, 3B  |           | N29-0053-05  | LYLON RIVET                     |                     |              |
| E                     | 1A, 1B  |           | N35-3004-46  | BINDING HEAD SCREW (M3X4)       |                     |              |
| F                     | 1B      |           | N83-2608-45  | BINDING HEAD SCREW (2.6X8)      |                     |              |
| G                     | 3A, 3B  |           | N83-3005-45  | BINDING HEAD SCREW (3X5)        |                     |              |
| H                     | 2A      |           | N89-3006-45  | BINDING HEAD TAPTITE (3X6)      |                     |              |
| J                     | 1A, 1B  |           | N89-3008-45  | BINDING HEAD TAPTITE (3X8)      |                     |              |
| K                     | 2A, 2B  |           | N09-1467-05  | SCREW (3X10)                    |                     |              |
| 36                    | 1A      |           | W01-0701-05  | TARMINAL SET                    | ET                  |              |
| ELECTRIC CIRCUIT UNIT |         |           |              |                                 |                     |              |
| LED1                  |         |           | B30-1342-05  | LED                             |                     |              |
| C1                    |         |           | CE04KW1E470M | ELECTRO                         | 47UF                | 25WV         |
| C2                    |         |           | C90-1634-05  | ELECTRO                         | 3900UF              | 16WV         |
| C3                    | , 4     |           | CF92FV1H104J | MF                              | 0.10UF              | J            |
| C5                    |         |           | CK45FB1H102K | CERAMIC                         | 1000PF              | K            |
| C6                    | , 7     |           | CE04KW1E472M | ELECTRO                         | 4700UF              | 25WV         |
| C8                    |         |           | C90-2527-05  | NP-ELECT                        | 33UF                | 10WV         |
| C10                   |         |           | CF92FV1H102J | MF                              | 1000PF              | J            |
| C11                   |         |           | CE04KW1C100M | ELECTRO                         | 10UF                | 16WV         |
| C12                   |         |           | CE04KW1E470M | ELECTRO                         | 47UF                | 25WV         |
| C13                   |         |           | CE04KW1E101M | ELECTRO                         | 100UF               | 25WV         |
| C14                   |         |           | CK45FB1H472K | CERAMIC                         | 4700PF              | K            |
| C15                   |         |           | CE04KW1C330M | ELECTRO                         | 33UF                | 16WV         |
| C16                   | , 17    |           | CE04KW1E470M | ELECTRO                         | 47UF                | 25WV         |
| C18                   |         |           | C90-2510-05  | NP-ELECT                        | 470UF               | 16WV         |
| C19                   |         |           | CE04KW1E471M | ELECTRO                         | 470UF               | 25WV         |

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⚠ indicates safety critical components.

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| 3                     | 2B      | *         | A23-5039-08  | REAR PANEL                      |                             |         |
| 5                     | 1A      | *         | A40-1231-08  | BOTTOM PLATE                    |                             |         |
| 6                     | 2A      | *         | B19-0874-08  | LIGHTING BOARD                  | K<br><br>ET<br><br>ET<br>ET |         |
| -                     |         |           | B44-6006-04  | BADGE                           |                             |         |
| -                     |         |           | B44-6007-04  | BADGE                           |                             |         |
| -                     |         |           | B46-0100-20  | WARRANTY CARD                   |                             |         |
| -                     |         | *         | B64-0083-00  | INSTRUCTION MANUAL              |                             |         |
| -                     |         | *         | B64-0084-00  | INSTRUCTION MANUAL              |                             |         |
| 14                    | 1A      | *         | E30-3676-08  | RCA CORD                        |                             |         |
| 15                    | 1A      | *         | E30-3677-08  | DC CORD                         |                             |         |
| 16                    | 3A      | *         | F01-1372-08  | HEAT SINK                       |                             |         |
| F1                    | 1B      |           | F05-2531-05  | FUSE (25A)                      |                             |         |
| -                     |         | *         | H01-9265-08  | ITEM CARTON BOX                 |                             |         |
| -                     |         | *         | H03-3306-08  | OUTER PACKING CASE              |                             |         |
| -                     |         | *         | H10-4375-08  | POLYSTYRENE FOAMED FIXTURE (L)  |                             |         |
| -                     |         | *         | H10-4376-08  | POLYSTYRENE FOAMED FIXTURE (R)  |                             |         |
| -                     |         |           | H25-0336-04  | PROTECT. BAG (inst. & warrant.) |                             |         |
| -                     |         | *         | H25-0341-04  | PROTECTION BAG (for unit)       |                             |         |
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| A                     | 2A      | *         | N09-1945-05  | SCREW (M3X8)                    |                             |         |
| B                     | 2B      |           | N09-4026-05  | SCREW (4X8)                     |                             |         |
| C                     | 2B      |           | N15-1040-46  | FLAT WASHER                     |                             |         |
| D                     | 2A, 3B  |           | N29-0053-05  | LYLON RIVET                     |                             |         |
| E                     | 1A, 1B  |           | N35-3004-46  | BINDING HEAD SCREW (M3X4)       |                             |         |
| F                     | 1B      |           | N83-2608-45  | BINDING HEAD SCREW (2.6X8)      |                             |         |
| G                     | 3A, 3B  |           | N83-3005-45  | BINDING HEAD SCREW (3X5)        |                             |         |
| H                     | 2A      |           | N89-3006-45  | BINDING HEAD TAPTITE (3X6)      |                             |         |
| J                     | 1A, 1B  |           | N89-3008-45  | BINDING HEAD TAPTITE (3X8)      |                             |         |
| K                     | 2A, 2B  |           | N09-1467-05  | SCREW (3X10)                    |                             |         |
| 36                    | 1A      |           | W01-0701-05  | TARMINAL SET                    | ET                          |         |
| ELECTRIC CIRCUIT UNIT |         |           |              |                                 |                             |         |
| LED1                  |         |           | B30-1342-05  | LED                             |                             |         |
| C1                    |         |           | CE04KW1E470M | ELECTRØ 47UF 25WV               |                             |         |
| C2                    |         |           | C90-1634-05  | ELECTRØ 3900UF 16WV             |                             |         |
| C3 , 4                |         |           | CF92FV1H104J | MF 0.10UF J                     |                             |         |
| C5                    |         |           | CK45FB1H102K | CERAMIC 1000PF K                |                             |         |
| C6 , 7                |         |           | CE04KW1E472M | ELECTRØ 4700UF 25WV             |                             |         |
| C8                    |         |           | C90-2527-05  | NP-ELECT 33UF 10WV              |                             |         |
| C10                   |         |           | CF92FV1H102J | MF 1000PF J                     |                             |         |
| C11                   |         |           | CE04KW1C100M | ELECTRØ 10UF 16WV               |                             |         |
| C12                   |         |           | CE04KW1E470M | ELECTRØ 47UF 25WV               |                             |         |
| C13                   |         |           | CE04KW1E101M | ELECTRØ 100UF 25WV              |                             |         |
| C14                   |         |           | CK45FB1H472K | CERAMIC 4700PF K                |                             |         |
| C15                   |         |           | CE04KW1C330M | ELECTRØ 33UF 16WV               |                             |         |
| C16 , 17              |         |           | CE04KW1E470M | ELECTRØ 47UF 25WV               |                             |         |
| C18                   |         |           | C90-2510-05  | NP-ELECT 470UF 16WV             |                             |         |
| C19                   |         |           | CE04KW1E471M | ELECTRØ 470UF 25WV              |                             |         |

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| C21 , 22 |         |           | CF92FV1H104J  | MF 0.10UF J        |             |         |
| C23      |         |           | CE04KW1C221M  | ELECTRØ 220UF 16WV |             |         |
| C101     |         |           | CK45FB1H102K  | CERAMIC 1000PF K   |             |         |
| C102     |         |           | CE04KW1C100M  | ELECTRØ 10UF 16WV  |             |         |
| C103     |         |           | CC45FSL1H220J | CERAMIC 22PF J     |             |         |
| C104     |         |           | CE04KW1A101M  | ELECTRØ 100UF 10WV |             |         |
| C105     |         |           | CE04KW1H4R7M  | ELECTRØ 4.7UF 50WV |             |         |
| C106     |         |           | CC45FSL1H681J | CERAMIC 680PF J    |             |         |
| C107     |         |           | CC45FSL1H150J | CERAMIC 15PF J     |             |         |
| C108     |         |           | CK45FB1H102K  | CERAMIC 1000PF K   |             |         |
| C109     |         |           | CC45FSL1H680J | CERAMIC 68PF J     |             |         |
| C110     |         |           | CE04KW1A101M  | ELECTRØ 100UF 10WV |             |         |
| C115     |         |           | CK45FF1H103Z  | CERAMIC 0.010UF Z  |             |         |
| C116     |         |           | CE04KW1H4R7M  | ELECTRØ 4.7UF 50WV |             |         |
| C117     |         |           | CK45FF1H473Z  | CERAMIC 0.047UF Z  |             |         |
| C118     |         |           | CC45FSL1H471J | CERAMIC 470PF J    |             |         |
| C119     |         |           | CE04KW1H2R2M  | ELECTRØ 2.2UF 50WV |             |         |
| C120     |         |           | CC45FSL1H820J | CERAMIC 82PF J     |             |         |
| C121     |         |           | CC45FSL1H820J | CERAMIC 82PF J     |             |         |
| C201     |         |           | CK45FB1H102K  | CERAMIC 1000PF K   |             |         |
| C202     |         |           | CE04KW1C100M  | ELECTRØ 10UF 16WV  |             |         |
| C203     |         |           | CC45FSL1H220J | CERAMIC 22PF J     |             |         |
| C204     |         |           | CE04KW1A101M  | ELECTRØ 100UF 10WV |             |         |
| C205     |         |           | CE04KW1H4R7M  | ELECTRØ 4.7UF 50WV |             |         |
| C206     |         |           | CC45FSL1H681J | CERAMIC 680PF J    |             |         |
| C207     |         |           | CC45FSL1H150J | CERAMIC 15PF J     |             |         |
| C208     |         |           | CK45FB1H102K  | CERAMIC 1000PF K   |             |         |
| C209     |         |           | CC45FSL1H680J | CERAMIC 68PF J     |             |         |
| C210     |         |           | CE04KW1A101M  | ELECTRØ 100UF 10WV |             |         |
| C215     |         |           | CK45FF1H103Z  | CERAMIC 0.010UF Z  |             |         |
| C216     |         |           | CE04KW1H4R7M  | ELECTRØ 4.7UF 50WV |             |         |
| C217     |         |           | CK45FF1H473Z  | CERAMIC 0.047UF Z  |             |         |
| C218     |         |           | CC45FSL1H471J | CERAMIC 470PF J    |             |         |
| C219     |         |           | CE04KW1H2R2M  | ELECTRØ 2.2UF 50WV |             |         |
| C220     |         |           | CC45FSL1H820J | CERAMIC 82PF J     |             |         |
| C221     |         |           | CC45FSL1H820J | CERAMIC 82PF J     |             |         |
| C301     |         |           | CK45FB1H102K  | CERAMIC 1000PF K   |             |         |
| C302     |         |           | CE04KW1C100M  | ELECTRØ 10UF 16WV  |             |         |
| C303     |         |           | CC45FSL1H220J | CERAMIC 22PF J     |             |         |
| C304     |         |           | CE04KW1A101M  | ELECTRØ 100UF 10WV |             |         |
| C305     |         |           | CE04KW1H4R7M  | ELECTRØ 4.7UF 50WV |             |         |
| C306     |         |           | CC45FSL1H681J | CERAMIC 680PF J    |             |         |
| C307     |         |           | CC45FSL1H150J | CERAMIC 15PF J     |             |         |
| C308     |         |           | CK45FB1H102K  | CERAMIC 1000PF K   |             |         |
| C309     |         |           | CC45FSL1H680J | CERAMIC 68PF J     |             |         |
| C310     |         |           | CE04KW1A101M  | ELECTRØ 100UF 10WV |             |         |
| C315     |         |           | CK45FF1H103Z  | CERAMIC 0.010UF Z  |             |         |
| C316     |         |           | CE04KW1H4R7M  | ELECTRØ 4.7UF 50WV |             |         |
| C317     |         |           | CK45FF1H473Z  | CERAMIC 0.047UF Z  |             |         |
| C318     |         |           | CC45FSL1H471J | CERAMIC 470PF J    |             |         |
| C319     |         |           | CE04KW1H2R2M  | ELECTRØ 2.2UF 50WV |             |         |
| C320     |         |           | CC45FSL1H820J | CERAMIC 82PF J     |             |         |
| C321     |         |           | CC45FSL1H820J | CERAMIC 82PF J     |             |         |
| C401     |         |           | CK45FB1H102K  | CERAMIC 1000PF K   |             |         |
| C402     |         |           | CE04KW1C100M  | ELECTRØ 10UF 16WV  |             |         |

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|--|----------------------|-------------------|---|--|-------------------------|--------------------|
| C403<br>C404<br>C405<br>C406<br>C407         |                      |                   | CC45FSL1H220J<br>CE04KW1A101M<br>CE04KW1H4R7M<br>CC45FSL1H681J<br>CC45FSL1H150J | CERAMIC 22PF J<br>ELECTRO 100UF 10WV<br>ELECTRO 4.7UF 50WV<br>CERAMIC 680PF J<br>CERAMIC 15PF J                    |                         |                    |
| C408<br>C409<br>C410<br>C415<br>C416         |                      |                   | CK45FB1H102K<br>CC45FSL1H680J<br>CE04KW1A101M<br>CK45FF1H103Z<br>CE04KW1H4R7M   | CERAMIC 1000PF K<br>CERAMIC 68PF J<br>ELECTRO 100UF 10WV<br>CERAMIC 0.010UF Z<br>ELECTRO 4.7UF 50WV                |                         |                    |
| C417<br>C418<br>C419<br>C420<br>C421         |                      |                   | CK45FF1H473Z<br>CC45FSL1H471J<br>CE04KW1H2R2M<br>CC45FSL1H820J<br>CC45FSL1H820J | CERAMIC 0.047UF Z<br>CERAMIC 470PF J<br>ELECTRO 2.2UF 50WV<br>CERAMIC 82PF J<br>CERAMIC 82PF J                     |                         |                    |
| C501<br>C601                                 |                      |                   | CK45FF1H103Z<br>CK45FF1H103Z  | CERAMIC 0.010UF Z<br>CERAMIC 0.010UF Z   |                         |                    |
| E1 ,2<br>E3<br>E4<br>E5                      | 2B<br>2B<br>2B<br>2B |                   | E06-0816-05<br>E20-0323-05<br>E63-0803-08<br>E70-0801-05                        | CYLINDRICAL RECEPTACLE<br>TERMINAL BOARD<br>PHONE JACK<br>TERMINAL BOARD   | ET                      |                    |
| J801<br>J802                                 |                      | *                 | J21-7280-08<br>J21-7281-08  | MOUNTING HARDWARE<br>MOUNTING HARDWARE   |                         |                    |
| L1<br>T1                                     |                      | *                 | L33-0939-08<br>L19-0514-08  | CHOKE COIL<br>TRANSFORMER  |                         |                    |
| R107-110<br>R131<br>R132<br>R137<br>R207-210 |                      | *                 | RN14BK2C1002F<br>RS14KB3DR22J<br>RS14KB3DOR1J<br>RS14KB2H100J<br>RN14BK2C1002F  | RN 10.0K F 1/6W<br>FL-PROOF RS 0.22 J 2W<br>FL-PROOF RS 0.1 J 2W<br>FL-PROOF RS 10 J 1/2W<br>RN 10.0K F 1/6W       |                         |                    |
| R231<br>R232<br>R237<br>R307-310<br>R331     |                      | *                 | RS14KB3DR22J<br>RS14KB3DOR1J<br>RS14KB2H100J<br>RN14BK2C1002F<br>RS14KB3DR22J   | FL-PROOF RS 0.22 J 2W<br>FL-PROOF RS 0.1 J 2W<br>FL-PROOF RS 10 J 1/2W<br>RN 10.0K F 1/6W<br>FL-PROOF RS 0.22 J 2W |                         |                    |
| R332<br>R337<br>R407-410<br>R431<br>R432     |                      | *                 | RS14KB3DOR1J<br>RS14KB2H100J<br>RN14BK2C1002F<br>RS14KB3DR22J<br>RS14KB3DOR1J   | FL-PROOF RS 0.1 J 2W<br>FL-PROOF RS 10 J 1/2W<br>RN 10.0K F 1/6W<br>FL-PROOF RS 0.22 J 2W<br>FL-PROOF RS 0.1 J 2W  |                         |                    |
| R437<br>VR101<br>VR102<br>VR202<br>VR301     |                      |                   | RS14KB2H100J<br>R10-3638-08<br>R12-2627-08<br>R12-2627-08<br>R10-3638-08        | FL-PROOF RS 10 J 1/2W<br>POTENTIOMETER 10K(B)X2<br>POTENTIOMETER 5K<br>POTENTIOMETER 5K<br>POTENTIOMETER 10K(B)X2  |                         |                    |
| VR302<br>VR402                               |                      |                   | R12-2627-08<br>R12-2627-08  | POTENTIOMETER 5K<br>POTENTIOMETER 5K   |                         |                    |
| SW101<br>SW301                               |                      | *                 | S62-0805-08<br>S62-0805-08  | SLIDE SWITCH<br>SLIDE SWITCH   |                         |                    |
| D1<br>D2<br>D3                               |                      |                   | RM4Z<br>FMU21S<br>FMU21R  | DIODE<br>DIODE<br>DIODE  |                         |                    |

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## PARTS LIST

\* New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

| Ref. No.<br>参照番号                             | Address<br>位置 | New<br>Parts<br>新 | Parts No.<br>部品番号   | Description<br>部品名 / 規格   | Desti-<br>nation<br>仕向 | Re-<br>marks<br>備考 |
|--|---------------|-------------------|---|---|------------------------|--------------------|
| D4<br>D5<br>D6 -9<br>D10<br>D11              |               | *                 | 1SS131<br>MTZJ5.1B<br>1SS131<br>MTZJ10C<br>1SS131                     | DIODE<br>ZENER DIODE<br>DIODE<br>ZENER DIODE<br>DIODE               |                        |                    |
| D14 ,15<br>D16<br>D102<br>D202<br>D302       |               |                   | 1SR139<br>1SS131<br>1SS131<br>1SS131<br>1SS131                        | DIODE<br>DIODE<br>DIODE<br>DIODE<br>DIODE                           |                        |                    |
| D402<br>IC1<br>IC2<br>IC3<br>IC101           |               |                   | 1SS131<br>UPC494C<br>NJM78M15FA<br>NJM79M15FA<br>NJM5532S             | DIODE<br>IC(SWITCHING REGULATOR)<br>IC<br>IC<br>IC                  |                        |                    |
| IC102<br>IC201<br>IC301<br>IC302<br>Q1 ,2    |               |                   | UPC4570HA<br>UPC4570HA<br>NJM5532S<br>UPC4570HA<br>2SD809(F,E)        | IC(OP AMP X2)<br>IC(OP AMP X2)<br>IC<br>IC(OP AMP X2)<br>TRANSISTOR |                        |                    |
| Q3 ,4<br>Q5 -10<br>Q11<br>Q12<br>Q13 ,14     |               | *                 | 2SB1236<br>2SC4064<br>2SC1740S-R<br>2SA933S-R<br>2SC1740S-R           | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR  |                        |                    |
| Q15<br>Q101<br>Q102,103<br>Q104,105<br>Q106  |               | *                 | 2SA933S-R<br>2SC3327-A<br>2SA1175(F)<br>2SC2785(F)<br>2SD1200(Q)      | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR  |                        |                    |
| Q107<br>Q108<br>Q109<br>Q110<br>Q111         |               | *                 | 2SD1857<br>2SB1236<br>2SC4385(O,Y)<br>2SA1670(O,Y)<br>2SC1740S-R      | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR  |                        |                    |
| Q201<br>Q202,203<br>Q204,205<br>Q206<br>Q207 |               | *                 | 2SC3327-A<br>2SA1175(F)<br>2SC2785(F)<br>2SD1200(Q)<br>2SD1857        | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR  |                        |                    |
| Q208<br>Q209<br>Q210<br>Q211<br>Q301         |               | *                 | 2SB1236<br>2SC4385(O,Y)<br>2SA1670(O,Y)<br>2SC1740S-R<br>2SC3327-A    | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR  |                        |                    |
| Q302,303<br>Q304,305<br>Q306<br>Q307<br>Q308 |               | *                 | 2SA1175(F)<br>2SC2785(F)<br>2SD1200(Q)<br>2SD1857<br>2SB1236          | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR  |                        |                    |
| Q309<br>Q310<br>Q311<br>Q401<br>Q402,403     |               | *                 | 2SC4385(O,Y)<br>2SA1670(O,Y)<br>2SC1740S-R<br>2SC3327-A<br>2SA1175(F) | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR  |                        |                    |

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|------------------|---------------|-------------------|-------------------|-------------------------|------------------------|--------------------|
| Q404,405         |               |                   | 2SC2785(F)        | TRANSISTOR              |                        |                    |
| Q406             |               | *                 | 2SD1200(Q)        | TRANSISTOR              |                        |                    |
| Q407             |               | *                 | 2SD1857           | TRANSISTOR              |                        |                    |
| Q408             |               | *                 | 2SB1236           | TRANSISTOR              |                        |                    |
| Q409             |               | *                 | 2SC4385(O,Y)      | TRANSISTOR              |                        |                    |
| Q410             |               | *                 | 2SA1670(O,Y)      | TRANSISTOR              |                        |                    |
| Q411             |               |                   | 2SC1740S-R        | TRANSISTOR              |                        |                    |
| Q501             |               |                   | 2SC3327-A         | TRANSISTOR              |                        |                    |
| Q601             |               |                   | 2SC3327-A         | TRANSISTOR              |                        |                    |
| TH1              |               | *                 | D103K4D-NHA109D   | POSISTOR                |                        |                    |

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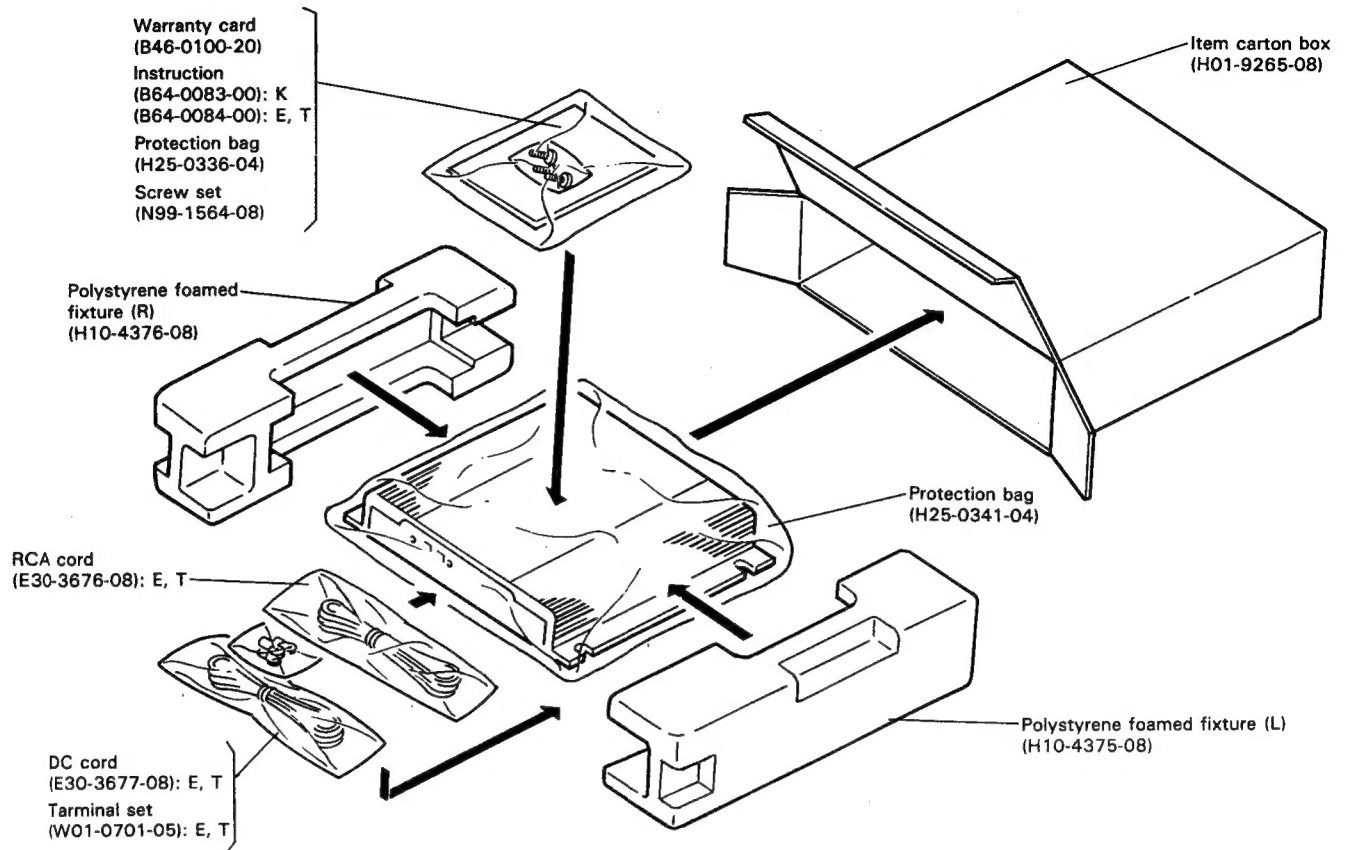
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KAC-742

## PACKING



## SPECIFICATIONS

## Audio Section

|                               |   |
|-------------------------------|---|
| Max Power Output [4Ω]         |   |
| 4 Channel Mode .....          | 60 W × 4  |
| 3 Channel Mode .....          | 60 W × 2 + 130 W  |
| 2 Channel Mode .....          | 130 W × 2   |
| Rated Power Output [4Ω]       |   |
| 4 Channel Mode .....          | 30 W × 4 (20 Hz ~ 20 kHz, less than 0.08% THD)            |
| 3 Channel Mode .....          | 30 W × 2 (20 Hz ~ 20 kHz, 0.08%) + 80 W × 1 (1 kHz, 0.8%) |
| 2 Channel Mode .....          | 80 W × 2 (1 kHz, 0.8% THD)                                |
| Rated Power Output [2 Ω]      |   |
| 4 Channel Mode .....          | 40 W × 4 (1 kHz, 0.8% THD)                                |
| Frequency Response .....      | 4 ~ 64 kHz (−3 dB)  |
| Signal to Noise Ratio .....   | 100 dB  |
| Sensitivity (MAX) .....       | 0.1 V (rated output)                                      |
| Sensitivity (MIN) .....       | 5.0 V (rated output)                                      |
| Input Impedance .....         | 10 kΩ   |
| Damping Factor (100 Hz) ..... | More than 100   |

## General

|  |  |
|--|--|
| Operating Voltage .....                    | 14.4 V (11 ~ 16 V allowable)                     |
| Current Consumption (1 kHz, 10% THD) ..... | 33 A   |
| Dimensions (W × H × D) .....               | 280 × 50 × 230 mm<br>(11 × 1-15/16 × 9-1/16 in.) |
| Weight .....                               | 3.0 kg (6.6 lb)                                  |

Kenwood follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Kenwood poursuit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

Kenwood strebt ständige, Verbesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

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